

VEDDERPRICE

VEDDER, PRICE, KAUFMAN &amp; KAMMHOLZ, P.C.

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Page 1

**Name:** Commissioner for Patents  
United States Patent and Trademark  
Office  
Examiner T.N.Du

**Fax No.:** 703-872-9306**From:** Mark A. Dalla Valle**Confirmation No.:** 703-306-0377**Date:** March 14, 2005**Sender's Ext.:** 7620**Client No.:** 11461.00.0171(P04461-D06)**Total Pages:** 22**Time Received by Fax Dept.:****Special instructions to receiving operator:**

2005 MAR 14 PM 4:10

**Message:**

U.S. Patent Application No. 10/784,835 filed February 23, 2004  
Document No. 11461.00.0171

I hereby certify that this correspondence; Comment 43 Letter at Notice of Allowance, copy of: 1) History, 2) Image File Wrapper, 3) Office Action dated 7/13/04, 4) express mail receipt with stamped returned postcard are being facsimile transmitted to the United States Patent and Trademark Office on March 14, 2005.

  
\_\_\_\_\_  
Name: Tette Combs

10/784,835  
COMMENT 43 LETTER  
AT NOTICE OF ALLOWANCE

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MAR 14 2005

In re Patent Application of: )

MAHER ET AL. )

Application No.: 10/784,835 )

Filed: FEBRUARY 23, 2004 )

For: PIPELINED DATA )  
PROCESSOR WITH SIGNAL- )  
INITIATED POWER )  
MANAGEMENT CONTROL )

Group Art Unit: 2116  
Confirmation No.: 2586  
Examiner: T.N. DU

COMMENT 43 LETTER  
AT NOTICE OF ALLOWANCE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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3/14/05 Nanette Combs  
Date Nanette Combs

Sir:

The Notice of Allowance mailed 02/01/2005 (part of paper number/mail date 2005012) indicates a 3 day patent term adjustment. This term adjustment is further illustrated on the Patent Term Adjustment History (the "History") obtained from PAIR.

On 03/08/2005, a telephone call to the PAIR Technical Support Office (703.305.3028) brought to the Office's attention the following facts: (1) an information disclosure statement (the "first IDS"), not listed on the History, was mailed to the Office on 04/16/2004 via first class mail, acknowledged as received and "placed of record in the file" by the Examiner in the Office Action mailed 07/13/2004 (part of paper number/mail date 20040708); and (2) the information disclosure statement listed on the History as having a filing date of 09/29/2004 (the "second IDS") was actually filed on 09/22/2004. During this telephone conversation, the Office confirmed the above facts while indicating that while the History was not accurate, the Image File Wrapper properly accounted for these filing dates.

Atty. Docket: P04461-D06 (11461.00.0171)  
CHICAGO/#1344682.1

10/784,835  
COMMENT 43 LETTER  
AT NOTICE OF ALLOWANCE

PATENT

Assurances were given that the History would be appropriately updated within five to seven business days.

In support of the above facts above, there are, attached hereto, copies of: (1) the History; (2) the Image File Wrapper; (3) the Office Action mailed 07/13/2004 confirming the Office's receipt of the first IDS; and (4) the express mail receipt and stamped postcard indicating the 09/22/2004 filing date of the second IDS.

As provided by the Office's response to Comment 43 on the revision of the Patent Rules implementing provisions of the American Inventors Protection Act of 1999, a registered practitioner's obligation of candor and good faith applies to a practitioner's acceptance of the patent term adjustment as determined by the Office. *Changes to Implement Patent Term Adjustment under Twenty-Year Patent Term*, 65 Fed. Reg. 56,366, 56,387 (Sept. 18, 2000).

In accordance with the Office's response in the Federal Register, the term adjustment as provided in the Notice of Allowance is thought to be longer than appropriate. Therefore, this letter requests the Office to review the 3 day patent term adjustment as indicated in the Notice of Allowance in light of, among other things, the 04/19/2004 and 09/22/2004 filing dates described above.

Respectfully submitted,

VEDDER, PRICE, KAUFMAN & KAMMHOLZ, P.C.

Date: March 14, 2005

By: 

Mark A. Dalla Valle  
Reg. No. 34,147

Attorney for Assignee  
222 N. LaSalle St.  
Chicago, IL 60601  
312-609-7620  
Customer No.: 23,418

Any. Docket: P04461-D06 (11461.00.0171)  
CHICAGO/#1344682.1



**'IPELINED DATA PROCESSOR WITH SIGNAL-INITIATED POWER  
GEMENT CONTROL**

Mark A. Dalla Valle

(46) 00.0171

No.: 10/784,835

Mailed: September 22, 2004

Atty. Docket: P04461-D06

Filing Date: February 23, 2004

np of the U.S. Patent & Trademark Office hereupon acknowledges receipt of the following:

ation Disclosure Statement; IDS Form PTO/SB/08A; and 1 cited reference  
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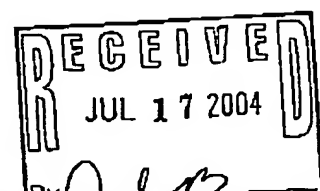
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APPLIC.	ION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/7	1,835	02/23/2004	Robert Maher	P04461-D06 (11461.00.0171)	2586
2341	7590	07/13/2004		EXAMINER	
VEDDER PRICE KAUFMAN & KAMMHOLZ				DU, THUAN N	
222 N. LASALLE STREET					
CHICAGO, IL 60601					
				ART UNIT	PAPER NUMBER
				2116	

DATE MAILED: 07/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**DOCKETED** ✓  
CLIENT Nate Semiconductor  
FILE NO. 11461.00.0171  
DUE DATE Oct. 13, 2004  
BY le 13 DATE 7/19/04



<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/784,835	MAHER ET AL.	
	Examiner	Art Unit	
	Thuan N. Du	2116	

**Period for Reply** - The MAILING DATE of this communication appears on the cover sheet with the correspondence address -

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extension of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed more than SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any priority term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 23 February 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 23-152 is/are pending in the application.
- 4a) If the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 23-152 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ A b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |                                                                                                   |                                                                             |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                                  | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)              | Paper No(s)/Mail Date. _____                                                |
| 3) <input checked="" type="checkbox"/> Informatic Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>2/23/04, 4/19/04</u>                                                     | 6) <input type="checkbox"/> Other: _____                                    |

App. cation/Control Number: 10/784,835  
Art. Unit: 2116

Page 2

### DETAILED ACTION

1. It is hereby acknowledged that the following papers have been received and placed of record in the file: Preliminary Amendment (dated 2/23/04), IDS (dated 2/23/04 and 4/19/04) and Drawings (dated 4/19/04).
2. Claims 1-22 have been cancelled. Claims 23-152 have been added.
3. Claims 23-152 are presented for examination.

### *Double Patenting*

4. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

5. Claims 23-152 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 23-146 of copending Application No. 10/784,396. Although the conflicting claims are not identical, they are not patentably distinct from each other because the claims of Application No. 10/784,396 pertain to a method while the claims of the present application pertain to the apparatus to implement the claimed method steps of Application No. 10/784,396.



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Page 3

Ar Unit: 2116

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

### Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuan N. Du whose telephone number is (703) 308-6292. The examiner can normally be reached on Monday-Friday: 9:00 am - 5:30 pm, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne H. Browne can be reached on (703) 308-1159.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

The fax number for the organization is (703) 872-9306.



Thuan N. Du  
July 8, 2004



PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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## Complete if Known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 7

Application Number	TBD- 10/784,835
Filing Date	Herewith- 2/27/04
First Named Inventor	Maher et al.
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	P04461-006 (11461.00.0171)

U. S. PATENT DOCUMENTS					
Examiner Initial	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,088,807	07/11/00	Maher et al.	
		US- 5,657,483	08/12/97	Kardach et al.	
		US- 5,361,392	11/01/94	Fourcroy et al.	
		US- 4,893,271	01/09/90	Davis et al.	
		US- 4,907,150	03/06/90	Arroyo et al.	
		US- 5,021,983	06/04/91	Nguyen et al.	
		US- 5,025,387	06/18/91	Frane	
		US- 5,038,493	07/30/91	Nielsen	
		US- 5,070,450	12/03/91	Holman Jr. et al.	
		US- 5,083,266	01/21/92	Watanabe	
		US- 5,086,387	02/04/92	Arroyo et al.	
		US- 5,167,024	11/24/92	Smith et al.	
		US- 5,203,003	03/13/93	Donner	
		US- 5,175,853	12/29/92	Kardach et al.	
		US- 5,237,699	08/17/93	Little et al.	
		US- 5,369,771	11/29/94	Gattal	
		US- 5,390,350	02/14/95	Chung et al.	
		US- 5,392,441	02/21/95	Brasher et al.	
		US- 5,404,546	04/04/95	Stewart	

FOREIGN PATENT DOCUMENTS					
Examiner Initial	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
		GB 2127999	04/30/86	Kitchen	
		EPO 0167853	06/11/84	Compaq	
		EPO 0201020	04/28/86	Honewell	
		EPO 0242010	01/12/87	Int'l Business Machines	
		EPO 0349726	05/05/89	Toppan	
		JPO SHO59(1984)-167752	10/25/83	Nippoin Denki	

Examiner Initial	Signature	Date Considered	7/7/04
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\*EXA: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not needed. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For foreign patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language version is attached.

This section of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND COMPLETED FORMS TO THE ATTORNEY FOR PATENTS, WASHINGTON, DC 20231.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number	TBD- 10/784,835
Filing Date	Herewith- 2/23/04
First Named Inventor	Maier et al.
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	P04461-D06 (11461.00.0171)

Serial 12 of 7

**U. S. PATENT DOCUMENTS**

Exam Initial	Cite No. <sup>1</sup>	Document Number Number and Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-	5,410,711	04/25/95	Stewart	
	US-	5,432,946	07/11/95	Allard et al.	
	US-	4,590,553	05/20/86	Noda	
	US-	5,630,107	05/13/97	Carmean et al.	
	US-	5,630,143	05/13/97	Maier et al.	
	US-	4,204,249	06/20/80	Dye et al.	
	US-	4,267,577	05/12/81	Hashimoto et al.	
	US-	4,293,927	10/06/81	Hoshii	
	US-	4,312,035	01/19/82	Greene	
	US-	4,316,247	02/16/82	Iwamoto	
	US-	4,317,180	02/23/82	Lies	
	US-	4,317,181	02/23/82	Teza et al.	
	US-	4,409,665	10/11/83	Tubbs	
	US-	4,417,320	11/22/83	Ei	
	US-	4,573,117	02/25/86	Boney	
	US-	4,615,005	09/30/86	Maejima et al.	
	US-	4,748,559	05/31/88	Smith et al.	
	US-	4,758,945	07/19/88	Remedi	
	US-	4,768,567	08/23/88	Kato	

**FOREIGN PATENT DOCUMENTS**

Exam Initial	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number <sup>3</sup> and Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		JPO SHO58[1983]-205226	05/25/82	Fujitsu Ltd.	
		JPO HEI31[1991]-116210	10/12/81	Hitachi Seisakusho KK	
		JPO SHO 55[1980]-47549	09/28/78	Nippon Texas Instruments	
		EPO 0451661A2	03/30/91	Matsuzaki	
		GB 2010551	12/19/77	Bendix	
		GB 2130765	11/20/82	SWF	

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Filing Date	Herewith 2/23/04
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Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	P04481-006 (11481.00.0171)

Sheet 3 of 7

**U.S. PATENT DOCUMENTS**

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7		US- 4,780,843	10/26/88	Tiatjan	
		US- 4,796,235	01/03/89	Sparks et al.	
		US- 4,825,407	04/25/89	Loessal et al.	
		US- 4,841,440	06/20/89	Yonezu et al.	
		US- 4,851,987	07/25/89	Day	
		US- 4,381,552	04/26/83	Nocilini et al.	
		US- 4,698,748	10/06/87	Juzswick et al.	
		US- 4,980,836	12/25/90	Carter et al.	
		US- 5,142,684	08/25/92	Perry et al.	
		US- 5,218,704	06/08/93	Watts Jr.	
		US- 5,222,239	06/22/93	Rosch	
		US- 5,241,680	08/31/93	Cole et al.	
		US- 5,276,889	01/04/94	Shiraishi et al.	
		US- 5,355,503	10/11/94	Soffel et al.	
		US- 5,381,364	11/01/94	Nagashige et al.	
		US- 5,388,265	02/07/95	Volk	
		US- 6,343,363	01/29/02	Maier et al.	
		US- 6,233,691	05/15/01	Atkinson	
		US- 6,243,820	06/05/01	Rosch	

**FOREIGN PATENT DOCUMENTS**

Exam Initial	or Cite No.	Foreign Patent Document Country Code <sup>2</sup> Number <sup>1</sup> Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
7		PCT WO 92/10032	11/26/90	Adaptive Solutions		
		EPO 0358423	09/04/89	Advanced Micro Devices		
		EPO 0363567	06/22/89	Int'l Business Machines		
		EPO 0385587	01/18/90	Amport		
		EPO 0425410A2	10/29/89	Watts		
		JPO 58182736	10/25/83	Fujitsu		

Exam Initial: *Maier et al.* Date Considered: 7/7/04

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STATEMENT BY APPLICANT**

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Application Number	TBD- 10/784,835
Filing Date	Herewith- 2/23/04
First Named Inventor	Maier et al.
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	P04461-D06 (11461.00.0171)

Sheet 4 of 7

**U. S. PATENT DOCUMENTS**

Exam Initial	or Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,311,287	10/30/01	Dischler et al.	
		US- 6,397,340	05/28/02	Watts Jr. et al.	
		US- 2001/0001880	05/24/01	Watts Jr.	
		US- 5,560,017	09/24/96	Barrett et al.	
		US- 5,560,020	09/24/96	Nakatani et al.	
		US- 5,580,024	09/24/96	Harper et al.	
		US- 5,625,826	04/29/97	Atkinson	
		US- 5,632,037	05/20/97	Maier et al.	
		US- 5,842,029	11/24/98	Conary et al.	
		US- 5,935,253	08/10/99	Conary et al.	
		US- 6,006,336	12/21/99	Watts Jr. et al.	
		US- 6,029,249	02/22/00	Atkinson	
		US- 6,173,409	01/09/01	Watts Jr. et al.	
		US- 6,223,293	04/24/01	Foster et al.	
		US- 5,396,635	03/07/95	Fung	
		US- 5,418,989	05/23/95	Matsuzaki et al.	
		US- 5,428,790	08/27/95	Harper et al.	
		US- 5,452,401	05/08/04	Lin	
		US- 5,457,790	10/10/95	Iwamura et al.	

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Exam Initial	or Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Y <sup>4</sup>
		Country Code <sup>3</sup> "Number" "Kind Code" (if known)				
		EPO 0229692	07/22/87	Int'l Business Machines		
		PCT WO 92/21081	11/26/92	Zenith Data Systems Corp.		
		EPO 0368144	05/16/90	Fourcroy et al.		
		EPO 0172344	02/26/86	Katayama		

Exam Sign	<i>Maier et al.</i>	Date Considered	7/7/04
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Application Number	TBD- 10/784,835
Filing Date	Herewith 2/23/04
First Named Inventor	Maier et al.
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	P04461-D06 (11461.00.0171)

SI at 5 of 7

Exam Initials	Cite No.	U. S. PATENT DOCUMENTS		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Document Number	Publication Date MM-DD-YYYY		
		US- 5,457,801	10/10/95	Aihara	
		US- 5,461,266	10/24/95	Koreeda et al.	
		US- 5,476,848	12/12/95	Ikeda	
		US- 5,487,181	01/23/96	Dalley et al.	
		US- 5,546,591	08/13/96	Wurzburg et al.	
		US- 5,548,765	08/20/96	Tsunoda et al.	
		US- 4,748,559	05/30/88	Smith et al.	
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		US- 4,395,756	07/26/93	Daniels	
		US- 4,481,581	11/06/84	Johnson	
		US- 4,545,030	10/01/85	Kitchin	
		US- 4,616,335	10/07/86	Howe Jr. et al.	
		US- 4,653,018	03/24/87	Stadmeier et al.	
		US- 4,720,811	01/19/88	Yamaguchi et al.	
		US- 4,835,737	05/30/89	Hemig et al.	
		US- 4,570,219	02/11/86	Shibukawa et al.	
		US- 5,021,950	08/04/91	Nishikawa	
		US- 5,189,647	02/23/93	Suzuki et al.	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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**Complete if Known**

Application Number	TBD- 10/724,835
Filing Date	Hercowitz- 2/23/04
First Named Inventor	Maier et al.
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	P04461-D06 (11461.00.0171)

U. S. PATENT DOCUMENTS					
Exam Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)			
		US- 5,247,655	09/21/93	Khan et al.	
		US- 5,291,542	03/01/94	Kvari et al.	
		US- 5,410,713	04/25/96	White et al.	
		US- 5,481,731	01/02/96	Conary et al.	
		US- 5,528,790	06/25/96	Curran	
		US- 5,630,146	05/13/97	Conary et al.	
		US- 5,637,932	06/10/91	Koreeda et al.	
		US- 4,835,728	05/30/89	Si et al.	
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Application Number	TBD 10/784235
Filing Date	Herewith 2/23/04
First Named Inventor	Maher et al.
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	P04461-D06 (11461.00.0171)

Sheet

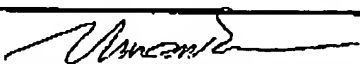
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T >			DESIGN AND ELECTRONIK, "186-Processors with Low Current Drain Modules," Vol. 23, November 5, 1991, p.8	
			European Search Report dated July 28, 1993 for E/93302399	
			INTEL, "Intel 82347 Power Management PC Peripheral," October 1990, pps. 1-55-1-80	
			INTEL, "386 DX Microprocessor Programmer's Reference Manual" 1990, pp. 4-6 and 8-4.	
			INTEL, 386 SL Microprocessor SuperSet, 386 SL Microprocessor System Design Guide 1990, Introduction to the SL Superset, Chapter 1, pp. 1-1 through 1-3, System and Power Management, Chapter 14, pp 14-1 through 14-23, September 1990.	

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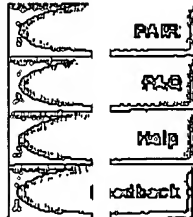
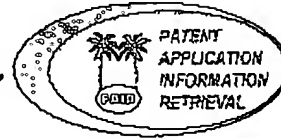
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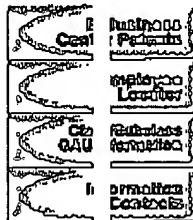
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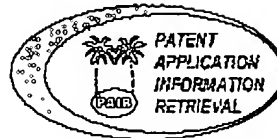
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Patent Term Adjustment (PTA) for publication number: 10/784,835			
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Filing or 371(c) Date:	02-23-2004	USPTO Delay (PTO):	43
Issue Date of Patent:	-	Three Years:	-
Pre-Issue Petitions (days):	+0	Applicant Delay (APPL):	40
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0 -01-2005	Mail Notification of Terminal Disclaimer - Accepted		
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0 -24-2005	Paralegal TD Accepted		
0 -24-2005	Notification of Terminal Disclaimer - Accepted		
0 -11-2005	Paralegal TD Not accepted		
0 -11-2005	Notification of Terminal Disclaimer - Not Accepted		
0 -20-2004	Terminal Disclaimer Filed		
1 -24-2004	Date Forwarded to Examiner		
0 -20-2004	Response after Non-Final Action		
0 -29-2004	Information Disclosure Statement (IDS) Filed		40
0 -20-2004	Workflow Incoming amendment IFW		
0 -13-2004	Mail Non-Final Rejection		
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0 -07-2004	IFW TSS Processing by Tech Center Complete		
0 -23-2004	Preliminary Amendment		

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0	-07-2004	Case Docketed to Examiner in GAU		↑
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0	-17-2004	Appllcation Is Now Complete		↑
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